

Page 43 (Abstract), after the last line, beginning on a new page, please insert the attached Sequence Listing.

REMARKS

Claims 1-29 are pending in the present application.

Applicants have now submitted a Sequence Listing and a corresponding computer-readable Sequence Listing. The sequence information recorded in the corresponding computer-readable Sequence Listing is identical to the paper copy of the Sequence Listing. Support for all of the sequences listed in the Sequence Listing is found in the present application as originally filed. No new matter is believed to have been introduced by the submission of the Sequence Listing and the corresponding computer-readable Sequence Listing.

Applicants submit that the present application is ready for examination on the merits. Early notice to this effect is earnestly solicited.

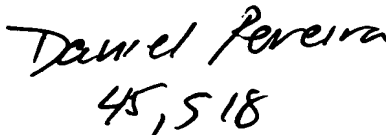
Respectfully submitted,

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IN THE SPECIFICATION

Please amend Table 1 appearing on page 27 as follows:

TABLE 1: Oligonucleotides used to construct the Inc/cya chimeras described in this study. Restriction sites used for cloning are underlined.

Chimera	forward primer	reverse primer
IncA/mycHIS	TGACCTCGAGTTAACCTATTAAAGGATAAAATT (SEQ ID NO: 1)	GACTGAATTCGTTGCTCTATCTACGGGTGA (SEQ ID NO: 2)
IncB/mycHIS	GATCCTCGAGTTAAATCTATTTTATAGTAGG (SEQ ID NO: 3)	GACTGAATTCCTTGTGTAACGACAGTAAT (SEQ ID NO: 4)
IncB	GATCCTCGAGTTAAATCTATTTTATAGTAGG (SEQ ID NO: 5)	CTAGGAATTCGATTGAACAGTAACAGATCC (SEQ ID NO: 6)
hydro/mycHIS IncA/cya	GACTAAGCTTGTAAACCTATTAAAGGATAAAATT (SEQ ID NO: 7)	GACTTCTAGAAATGATAACCTTTTCAATGAA (SEQ ID NO: 8)
IncB/cya	GACTAAGCTTGTAAATCTATTTTATAGTAGGAA (SEQ ID NO: 9)	GACTTCTAGATCCAGGTTTTTCGGAAAGCAGA (SEQ ID NO: 10)
IncC/cya	GACTAAGCTTGTAAAGTAAACCAACACAAAAAT (SEQ ID NO: 11)	GACTTCTAGATATTTGAGCTGGTACAAACAGG (SEQ ID NO: 12)
mutY/cya	GACTAAGCTTGCATTTGTATAATTGCATAAA (SEQ ID NO: 13)	GACTTCTAGACGCTCGAGAAATAAACCC (SEQ ID NO: 14)
CP026/cya	GACTAAGCTTGAATACATAAGCTGTTTC (SEQ ID NO: 15)	GACTTCTAGAAATGATTAGGTAAGCAATG (SEQ ID NO: 16)
CP146/cya	GACTAAGCTTAAAGTGTGAGATGAAAT (SEQ ID NO: 17)	GACTTCTAGACGCTCCCAACCCAGAGTC (SEQ ID NO: 18)
CP308/cya	GACTAAGCTTATTATATAGACAGATTAAAAAT (SEQ ID NO: 19)	GACTTCTAGACTTAAAAAATACCCAGGAACA (SEQ ID NO: 20)
CP367/cya	GACTAAGCTTACAACAAAATTAAGATATAATC (SEQ ID NO: 21)	GACTTCTAGATTTTATTTTATTTAGCAATCAC (SEQ ID NO: 22)
CP585/cya	GACTAAGCTTGTAAATGGAGATTGTAGTAGC (SEQ ID NO: 23)	GACTTCTAGAAACAAATTGTATGATTCATCC (SEQ ID NO: 24)

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